

CLAIMS

1. A level transmitter for liquid containers, particularly fuel store tanks, comprising a housing in which a contactless sensor is arranged which is connected with an evaluating unit and operatively connected with a magnet that moves relative to the sensor upon movement of a float arranged at a first end of a lever so that the change of the magnetic field acting upon the sensor is transformed into an electric signal so that an output signal corresponding to the level of the liquid in the container is obtainable by the evaluating means,
c h a r a c t e r i z e d i n
that the magnet (5) is configured at least as a segment of an annular magnet (5) that is arranged at a second end of the lever (3) and integrated therein.
2. The contactless level transmitter of claim 1, characterized in that at least the segment of the annular magnet (5) is adapted to be injected into a fuel-resisting plastic material of the lever (3).
3. The contactless level transmitter of one of the preceding claims, characterized in that the lever arm (3) is rotatably connected with the housing (7) and supported thereat, preferably in clipping or locking engagement.
4. The contactless level transmitter of one of the preceding claims, characterized in that the sensor (10) is freely programmable.
5. The contactless level transmitter of one of the preceding claims, characterized in that the sensor (10) is arranged on a printed circuit board (11) together with suppressor modules, said printed circuit board has a fuel-resisting plastic material injected around and is integrated into the housing (7).

6. The contactless level transmitter of one of the preceding claims, characterized in that the printed circuit board (11) having the plastic material injected around is adapted to be mounted to the housing (7) via a snap connection and the sensor (10) is adapted to be led through an opening (9) in the housing (7) at the same time.